

IN THE CLAIMS:

Please CANCEL claims 115 and 118-121 without prejudice to or disclaimer of their subject matter.

1-100. (Canceled)

101. (Previously Presented) An information processing apparatus which communicates with a printer having a job data channel which receives a print job, the information processing apparatus comprising:

packets generating means for generating a plurality of job packets as a print job, wherein each job packet includes a header, and at least one of the headers identifies print data; and

transfer control means for controlling transfer of the job packets generated by said packets generating means via the job data channel,

wherein said packets generating means generates a cancel packet containing an instruction to cancel the print job if a cancel instruction of the print job is detected while transferring the job packets via the job data channel,

wherein said transfer control means controls the transfer of the cancel packet via the job data channel, and

wherein the printer stores data, taken from the job packets received via the job data channel, in a storage unit based on analyzing the header of the job packets, and the printer issues cancellation of processing of the print data if a cancel packet is confirmed based on analyzing the header of the job packets received via the job data channel.

102-103. (Cancelled)

104. (Previously Presented) The information processing apparatus according to claim 101, further comprising:

a management table for managing a transfer status of a print job; and

a cancel controlling means for canceling a print job retained in a host computer by referencing said management table.

105. (Previously Presented) The information processing apparatus according to claim 101, wherein the cancel packet comprises dummy data.

106. (Previously Presented) A printer having a data channel which receives print data and communicates with an information processing apparatus, the printer comprising:

a first receiving device for receiving a plurality of job packets, via a job data channel, the job packets being generated by the information processing apparatus and each including a header, at least one of which identifies print data, as a print job;

an analyzing device for analyzing the header of the job packets received by the first receiving device;

a storage device for storing data, taken from the job packets received via the job channel, in a storage area based on the analysis of the analyzing device; and

a canceling device for canceling processing of the stored print data if a cancel packet is confirmed based on the analysis of the analyzing device.

107. (Previously Presented) The printer according to Claim 106, wherein said cancel packet comprises dummy data.

108. (Previously Presented) A processing method for an information processing apparatus which communicates with a printer having a job data channel which receives a print job, the processing method comprising the steps of:

generating a plurality of job packets as a print job, wherein each job packet includes a header, and at least one of the headers identifies print data;

generating a cancel packet containing an instruction to cancel the print job when a cancel instruction of the print job is detected while transferring the job packets via the job data channel; and

controlling transfer of the cancel packet via the job data channel,

wherein the printer stores data, taken from the job packets received via the job data channel, in a storage unit based on analyzing the header of the packets, and the printer issues cancellation of processing of the print data if a cancel packet is confirmed based on analyzing the header of the job packets received via the job data channel.

109-110. (Cancelled)

111. (Previously Presented) The processing method according to Claim 108, further comprising a cancel control step for canceling a print job retained in a host computer in accordance with referencing a managing table which manages a transfer status of a print job.

112. (Previously Presented) The processing method according to Claim 108, wherein the cancel packet comprises dummy data.

113. (Previously Presented) A processing method for a printer having a job data channel which receives print data, and that communicates with an information processing apparatus, the processing method comprising the steps of:

receiving a plurality of job packets via the job data channel as a print job, wherein the job packets are generated by the information processing apparatus, each includes a header, and at least one of the headers identifies print data;

analyzing the header of the job packets received in the receiving step;

storing data, taken from the job packets received via the job data channel, in a storage unit based on the analyzing step; and

canceling processing of the stored print data if a cancel packet is confirmed based on the analyzing step.

114. (Previously Presented) The processing method according to Claim 113, wherein the cancel packet comprises dummy data.

115-121. (Cancelled)

122. (Previously Presented) A computer-readable storage medium on which are stored computer-executable process steps for a processing method for an information processing apparatus which communicates with a printer having a job data channel which receives a print job, the executable process steps comprising the steps of:

generating a plurality of job packets as a print job, wherein each of the job packets includes a header, and at least one of the headers identifies print data;

generating a cancel packet containing an instruction to cancel the print job when a cancel instruction of the print job is detected while transferring the job packets via the job data channel; and

controlling transfer of the cancel packet via the job data channel,

wherein the printer stores data, taken from the job packets received via the job data channel, in a storage unit based on analyzing the header of the packets, and the printer issues

cancellation of processing of the print data if a cancel packet is confirmed based on analyzing the header of the job packets received via the job data channel.

123-124. (Cancelled)

125. (Previously Presented) The computer-readable storage medium according to Claim 122, further comprising a cancel control step for canceling a print job retained in a host computer in accordance with referencing a managing table which manages a transfer status of a print job.

126. (Previously Presented) The computer-readable storage medium according to Claim 122, wherein the cancel packet comprises dummy data.

127. (Previously Presented) A computer-readable storage medium on which are stored computer-executable process steps for a processing method of a printer, having a job data channel which receives print data and that communicates with an information processing apparatus, the executable process steps comprising the steps of:

receiving a plurality of job packets via the job data channel, the job packets being generated by the information processing apparatus and each including a header, at least one of which identifies print data, as a print job;

analyzing the header of the job packets received in the receiving step;

storing data, taken from the job packets received via the job data channel, in a storage unit based on the analyzing step; and

canceling processing of the stored print data if a cancel packet is confirmed based on the analyzing step.

128. (Previously Presented) The computer-readable storage medium according to Claim 127, wherein the cancel packet comprises dummy data.